

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A display device, comprising:

a substrate, the substrate made of an irreversible elongate material having a photo-shrinking property; and

an element layer having electrodes and a photo-functional layer having a photo-shrinking property formed above the substrate, the substrate made of an irreversible elongate material, and the element layer made of an elastic material and providing an adhesive property adhered to the substrate such that when the substrate is shrunk, the element layer shrinks with the substrate.

2. (Withdrawn-Currently Amended) A display device comprising:

a substrate; and

an element layer having electrodes and a photo-functional layer formed above the substrate, the substrate made of a thermal-shrinking material exhibiting shrinkage in response to thermal energy or a photo-shrinking material exhibiting shrinkage in response to optical energy, and the element layer made of an elastic material and providing an adhesive property adhered to the substrate such that when the substrate is shrunk, the element layer shrinks with the substrate.

3. (Currently Amended) A display device, comprising:

an element layer having electrodes and a photo-functional layer having a photo-shrinking property is formed on a substrate, both the substrate and the element layer made of an elastic material, and the element layer providing an adhesive property to the substrate such that when the substrate is shrunk, the element layer shrinks with the substrate.

4. (Original) The display device according to claim 3, the substrate made of an autogenous shrinkable elastic material.

5. (Withdrawn) The display device according to claim 3, the substrate made of an elastic material exhibiting irreversibility in response to thermal energy or optical energy.

6. (Previously Presented) The display device according to claim 1, further comprising wires connected to the electrodes, the wires formed by dispersing metal particulates in a conductive polymer.

7. (Original) An electronic apparatus, comprising:
the display device according to claim 1, and a driving control device to drive and control the display device.

8. (Withdrawn) A method of manufacturing a display device in which an element layer having electrodes and a photo-functional layer is formed on a substrate, the substrate being made of an irreversible elongate material, and the element layer being made of an elastic material and having an adhesive property to the substrate, the method comprising:
forming the element layer on the substrate; and
extending the substrate so as to make the display device be a desired size, after forming the element layer.

9. (Withdrawn) The method of manufacturing a display device, extending the substrate is performed by using an X-axis direction extension mechanism to extend the substrate in an X-axis direction and a Y-axis direction extension mechanism to extend the substrate in a Y-axis direction, and the substrate is extended simultaneously in the two-dimensional directions by using an extension mechanism in which the X-axis direction extension mechanism and the Y-axis mechanism are coupled to each other.

10. (Withdrawn) The method of manufacturing a display device according to claim 8, the display device being a liquid crystal display device, and the method further comprises:

injecting a liquid crystal into the element layer after forming the element layer, and

the substrate being extended after injecting the liquid crystal.

11. (Withdrawn) The method of manufacturing a display device according to claim 8, the method further comprising:

forming a sealing layer to seal the substrate before extending the substrate, the sealing layer being made of thermosetting material which is cured in response to thermal energy or light curable material which is cured in response to optical energy; and

curing the sealing layer after extending the substrate.

12. (Withdrawn) A method of manufacturing a display device in which an element layer having electrodes and a photo-functional layer is formed on a substrate, the substrate is made of a thermal-shrinking material exhibiting shrinkage in response to thermal energy, and the element layer is made of an elastic material and has an adhesive property to the substrate, the method comprising:

forming the element layer on the substrate; and

shrinking the substrate in response to thermal energy after forming the element layer.

13. (Withdrawn) A method of manufacturing a display device in which an element layer having electrodes and a photo-functional layer is formed on a substrate, the substrate being made of optical-shrinking material exhibiting shrinkage in response to optical energy, and the element layer being made of an elastic material and having an adhesive property to the substrate, the method comprising:

forming the element layer on the substrate; and
shrinking the substrate by the optical energy after forming the element layer.

14. (Withdrawn) A method of manufacturing a display device in which an element layer having electrodes and a photo-functional layer is formed on a substrate, both the substrate and the element layer are made of an elastic material, and the element layer has an adhesive property to the substrate, the method comprising:

extending the substrate before forming the element layer;
forming the element layer on the substrate after extending the substrate; and
shrinking the substrate so as to make the display device be a desired size, after forming the element layer.

15. (Withdrawn) The method of manufacturing a display device according to claim 14, the substrate made of an autogenous shrinkable elastic material,
in extending the substrate, the substrate is fixed to an extended state by using an extension mechanism to extend the substrate in an X-axis direction and/or a Y-axis direction, and
in shrinking the substrate, the extension mechanism is released.

16. (Withdrawn) The method of manufacturing a display device according to claim 14, the substrate made of an elastic material exhibiting irreversibility in response to thermal energy, and
in shrinking the substrate, the thermal energy is applied to the substrate at the same time as shrinking the substrate.

17. (Withdrawn) The method of manufacturing a display device according to claim 14, the method further comprising:
curing the substrate in response to thermal energy after shrinking the substrate.

18. (Withdrawn) The method of manufacturing a display device according to claim 14, the method further comprising:
 - curing the substrate in response to optical energy after shrinking the substrate.
19. (Withdrawn) The method of manufacturing a display device according to claim 12, the method further comprising:
 - forming a sealing layer to seal the substrate before the shrinking the substrate, the sealing layer being made of a thermosetting material which is cured in response to thermal energy, or a light curable material which is cured in response to optical energy; and
 - curing the sealing layer after shrinking the substrate.
20. (Withdrawn) The method of manufacturing a display device according to claim 11, the display device being an active panel and having active elements made of an elastic material, and
 - the method further comprising:
 - forming active elements on the substrate.
21. (Withdrawn) The method of manufacturing a display device according to claim 20, at least one of the electrodes, the photo-functional layer, the sealing layer, and the active elements formed using an inkjet method.